

# PATENT COOPERATION TREATY

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## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

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in its capacity as elected Office

Date of mailing (day/month/year)  
13 August 1998 (13.08.98)

International application No.  
PCT/US97/20986

Applicant's or agent's file reference  
98145PCT

International filing date (day/month/year)  
17 November 1997 (17.11.97)

Priority date (day/month/year)  
18 November 1996 (18.11.96)

Applicant

FREISHTAT, Gregg, S. et al

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:  
08 June 1998 (08.06.98)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was

☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO  
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Authorized officer

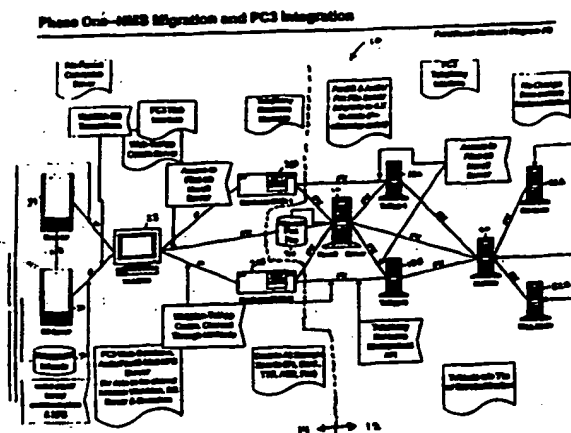
N. Fischer

Telephone No.: (41-22) 338.83.38



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : <b>H04L 12/28, 12/56</b>	<b>A3</b>	(11) International Publication Number: <b>WO 98/230</b> (43) International Publication Date: <b>28 May 1998 (28.05)</b>
(21) International Application Number: <b>PCT/US97/20986</b> (22) International Filing Date: <b>17 November 1997 (17.11.97)</b> (30) Priority Data: 60/031,301          18 November 1996 (18.11.96)    US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application          60/031,301 (CIP) US Filed on          18 November 1996 (18.11.96) (71) Applicant (for all designated States except US): <b>PREMIERE COMMUNICATIONS, INC. [US/US]; The Lenox Building, Suite 400, 3399 Peachtree Road, Atlanta, GA 30326 (US).</b> (72) Inventors; and (75) Inventors/Applicants (for US only): <b>FREISHTAT, Gregg, S. [US/US]; 2078 Renfro Lake Drive, Dunwoody, GA 30338 (US). LEITESS, James, K. [US/US]; 929 Highland Terrace N.E., Atlanta, GA 30306 (US). COWDEN, Michael, J. [US/US]; Unit B-317, 1074 Peachtree Walk, Atlanta, GA 30309 (US). SMITH, David, Gregory [US/US]; 1907 Oakmont, Tampa, FL 33629 (US).</b>		(74) Agents: <b>PRATT, John, S. et al.; Kilpatrick Stockton LLP, S 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (U</b> (81) Designated States: <b>AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GH, HU, ID, IL, IS, JP, KP, KR, LC, LK, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SL, TR, TT, UA, US, UZ, VN, YU, ARIPO patent (I KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, ML, MR, NE, SN, TD, TG).</b> Published With international search report. Before the expiration of the time limit for amending the cl and to be republished in the event of the receipt of amendm (88) Date of publication of the international search report: <b>3 September 1998 (03.09)</b>

(54) Title: **SYSTEM FOR INTEGRATED MANAGEMENT OF MESSAGING AND COMMUNICATIONS**

## (57) Abstract

System (10) for providing to a user an integrated interface for accessing telephony- and computer network-based communication resources. A user may access the system (10) via telephone (12), computer, modem or Internet (14). The user may access messages addressed to him or her in various media, such as e-mail (36), voice mail, fax, etc. The user may respond to these messages in the same media or different media, including real-time communications such as direct telephony or conference calling. The interface may also allow the user to present others with a web page (28) which displays information selected by the user. The system may consist of a stand alone system or interfaces with the Internet (14) and the telephony network (12). The system may also be integrated with existing telephony-

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PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

16

REC'D	02 MAR 1999
WFO	PCT

Applicant's or agent's file reference 98145PCT	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US97/20986	International filing date (day/month/year) 17 NOVEMBER 1997	Priority date (day/month/year) 18 NOVEMBER 1996
International Patent Classification (IPC) or national classification and IPC IPC(6): H04L 12/28, 12/56 and US Cl.: 370/352		
Applicant PREMIERE COMMUNICATIONS, INC.		

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of <u>0</u> sheets.</p>
<p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the report</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of report with regard to novelty, inventive step or industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input checked="" type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p>

Date of submission of the demand 08 JUNE 1998	Date of completion of this report 09 DECEMBER 1998
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer JASON CHAN <i>Liane Smith for</i>
Facsimile No. (703) 305-3230	Telephone No. (703) 305-3900

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US97/20986

**I. Basis of the report**

1. This report has been drawn on the basis of *(Substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments):*

☒ the international application as originally filed.

☒ the description, pages 1-54, as originally filed.

pages NONE, filed with the demand.

pages NONE, filed with the letter of \_\_\_\_\_.

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

☒ the claims, Nos. 1-83, as originally filed.

Nos. NONE, as amended under Article 19.

Nos. NONE, filed with the demand.

Nos. NONE, filed with the letter of \_\_\_\_\_.

Nos. \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

☒ the drawings, sheets/fig 1-43, as originally filed.

sheets/fig NONE, filed with the demand.

sheets/fig NONE, filed with the letter of \_\_\_\_\_.

sheets/fig \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

2. The amendments have resulted in the cancellation of:

☒ the description, pages NONE.

☒ the claims, Nos. NONE.

☒ the drawings, sheets/fig NONE.

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box Additional observations below (Rule 70.2(c)).

4. Additional observations, if necessary:

NONE

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US97/20986

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. STATEMENT**

Novelty (N)	Claims <u>1-83</u>	YES
	Claims <u>NONE</u>	NO
Inventive Step (IS)	Claims <u>1-83</u>	YES
	Claims <u>NONE</u>	NO
Industrial Applicability (IA)	Claims <u>1-83</u>	YES
	Claims <u>NONE</u>	NO

**2. CITATIONS AND EXPLANATIONS**

Claims 1-83 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a system in which communications hardware and features of a computer telephony-based system are off-loaded to a separate hardware node. Additionally, an integrated computer/telephony communications system is provided which does not utilize existing telephony-based communication management systems infrastructure. The distributed computer telephony systems utilize Internet or conventional network-based platforms that allow users direct access to existing telecommunication infrastructures without any investment in premise-based hardware or any specialized software, therefore the systems allow users to access and/or configure their personal assistant from any standard Web browser without purchasing or installing any software on their computer, private network, or existing phone system.

\_\_\_\_\_ NEW CITATIONS \_\_\_\_\_

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US97/20986

**VL Certain documents cited****1. Certain published documents (Rule 70.10)**

<u>Application No. Patent No.</u>	<u>Publication Date (day/month/year)</u>	<u>Filing Date (day/month/year)</u>	<u>Priority date (valid claim) (day/month/year)</u>
US, A, 5,740,231	14 APRIL 1998	16 SEPTEMBER 1994	NONE
US, A, 5,737,395	07 APRIL 1998	22 APRIL 1996	28 OCTOBER 1991

**2. Non-written disclosures (Rule 70.9)**Kind of non-written disclosureDate of non-written disclosure  
(day/month/year)Date of written disclosure  
referring to non-written disclosure  
(day/month/year)

<b>(51) International Patent Classification<sup>6</sup> :</b> <b>H04L</b>	<b>A2</b>	<b>(11) International Publication Number:</b> <b>WO 98/23058</b> <b>(43) International Publication Date:</b> 28 May 1998 (28.05.98)
<b>(21) International Application Number:</b> PCT/US97/20986 <b>(22) International Filing Date:</b> 17 November 1997 (17.11.97) <b>(30) Priority Data:</b> 60/031,301 18 November 1996 (18.11.96) US <b>(71) Applicant (for all designated States except US):</b> PREMIERE COMMUNICATIONS, INC. [US/US]; The Lenox Building, Suite 400, 3399 Peachtree Road, Atlanta, GA 30326 (US). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> FREISHTAT, Gregg, S. [US/US]; 2078 Renfroe Lake Drive, Dunwoody, GA 30338 (US). LEITESS, James, K. [US/US]; 929 Highland Terrace N.E., Atlanta, GA 30306 (US). COWDEN, Michael, J. [US/US]; Unit B-317, 1074 Peachtree Walk, Atlanta, GA 30309 (US). SMITH, David, Gregory [US/US]; 1907 Oakmont, Tampa, FL 33629 (US). <b>(74) Agents:</b> PRATT, John, S. et al.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).		<b>(81) Designated States:</b> AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, GH, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>

[illegible]

Systems for providing to a user an integrated interface for accessing telephony- and computer network-based communications resources. A user may access the systems via telephone or computer (via modem or Internet). The user may access messages addressed to him or her in various media, such as e-mail, voice mail, fax, etc. The user may respond to these messages in the same media, or different media, including real-time communications such as direct telephony or conference calling. The interface may also allow the user to present others with a web page which displays information selected by the user. The system may consist of a stand alone system which interfaces with the Internet and the telephony network. The system may also be integrated with existing telephony-based communication management infrastructures.



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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US97/20986**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(6) :H04L 12/28, 12/56

US CL :370/352

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 370/352, 383, 389, 390, 392, 401, 408, 410; 379/ 89, 90.01, 03.01, 93.07, 93.08, 93.14, 93.29, 100.11, 100.13, 114

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

APS (integrated interface, telephony, computer, communications resources, Internet, e-mail, voice mail, fax, real-time communications)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,771,425 A (BARAN et al) 13 September 1988.	1-83
Y, P	US 5,610,910 A (FOCSANEANU et al) 11 March 1997, col. 2, line 59 to col. 3, line 22; col. 9, lines 14-39; col. 14, lines 13-20	1, 16, 30, 43, 44, 51, 63, 72
Y, P	US 5,608,786 A (GORDON) 04 March 1997, col. 3, lines 9-29; col. 7, lines 51-67.	1, 16, 30, 43, 44, 51, 63, 72
X	YANG, C. INETPhone: Telephone Services and Servers on Internet, RFC 1789, April 1995.	1-83

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
*A* document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
*B* earlier document published on or after the international filing date	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*A* document member of the same patent family
*O* document referring to an oral disclosure, use, exhibition or other means	
*P* document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

09 APRIL 1998

Date of mailing of the international search report

8 JUL 1998

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